

Wyoming

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	720	453,928	52	Total R&D performance, 1995 (millions)	\$87	\$177,210	50
Doctoral engineers, 1995	117	86,738	51	Industry R&D, 1995 (millions)	\$25	\$130,332	47
S&E doctorates awarded, 1996	53	27,230	45	Academic R&D, 1996 (millions)	\$41	\$22,481	50
of which, in life sciences	21%	25%		of which, in life sciences	43%	56%	
in environmental sciences	17%	3%		in environmental sciences	21%	6%	
in mathematics and computer sciences	17%	8%		in engineering	9%	16%	
S&E postdoctorates, 1996	41	37,019	47	Higher education current-fund expenditures, 1995 (millions)	\$305	\$182,602	52
in doctorate-granting institutions							
S&E graduate students, 1996	865	430,631	50	Number of SBIR awards, 1990-1997	16	31,155	49
in doctorate-granting institutions				Patents issued to state residents, 1997	51	61,699	48
Population, 1997 (000s)	480	271,464	52	Gross state product, 1996 (billions)	\$16.8	\$7,677.4	50
Civilian labor force, 1997 (000s)	251	137,564	52	of which, agriculture	2%	2%	
Personal income per capita, 1997	\$22,648	\$25,598	35	manufacturing, mining, construction	41%	23%	
Federal spending				transportation, communication, utilities	14%	8%	
Total expenditures, 1997 (millions)	\$2,643	\$1,405,060	52	wholesale and retail trade	10%	16%	
R&D obligations, 1996 (millions)	\$38	\$66,087	51	finance, insurance, real estate	10%	19%	
				services	10%	20%	
				government	13%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	37,777	9,806	0	278	14,555	12,474	664	51
Department of Agriculture	6,576	4,400	0	0	2,158	18	0	42
Department of Commerce	583	0	0	0	526	0	57	42
Department of Defense	3,405	1,300	0	92	2,013	0	0	49
Department of Energy	3,412	0	0	20	341	3,000	51	41
Dept. of Health & Human Services	1,136	0	0	76	856	27	177	52
Department of Interior	4,458	4,106	0	0	338	0	14	29
Department of Transportation	11,031	0	0	0	1,237	9,429	365	16
Environmental Protection Agency	129	0	0	0	129	0	0	43
Nat'l Aeronautics & Space Admin.	549	0	0	90	459	0	0	49
National Science Foundation	6,498	0	0	0	6,498	0	0	46
State rank	51	47	na	51	51	24	43	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable